

Anti-Procollagen type IIA N-terminal propeptide (human, PIIANP)

CAT. NO. BTE 003-02

OVERVIEW

Product Name	Anti-Procollagen type IIA N-terminal propeptide (human, PIIANP)	Conjugation	Unconjugated
Description	Mouse monoclonal antibody	Host	Mouse
Isotype	IgG1/k	Clone	2
Tested Applications	ELISA, IHC		

SPECIFICITY

Specificity	BTE 003-02 is specific for human PIIANP. Epitope is located at the amino-terminal part of procollagen type IIA		
Immunogen	Recombinant expressed PIIANP	Gene ID	1280
Target	Collagen type II is the most abundant protein of cartilage matrix. Two isoforms exist and collagen type IIA is involved in early development of cartilage in embryos. The collagen is produced from type II procollagen when two teloterminal propeptides are digested from the precursor and released into the circulation. Procollagen type II N-terminal propeptide (PIIANP) is considered a marker of cartilage synthesis and the normal concentration in serum is approximately 30ng/mL.		
Species Reactivity POSITIVE	Human	Species Reactivity NEGATIVE	Not determined

PROPERTIES

Form	Liquid	Unit Size	0,4 mL and 1 mL
Concentration	1 mg/mL ±15%, See CoA for lot details		
Purification	Protein A or Protein G purified	Purification Notes	BSA free
Storage buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide		
Storage condition	2-8°C without exposure to light		
Safety	Wear protective clothing		

TESTED APPLICATIONS

ELISA	BTE 003-02 also reacts with recombinant PIIANP coated directly onto the microtiter well.
IHC	BTE 003-02 diluted in 10%FCS/TBS is well suited for immunohistochemistry on formalin-fixed, paraffin-embedded fetal tissue.

SCIENTIFIC REFERENCES

N/A

CONDITIONS

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